

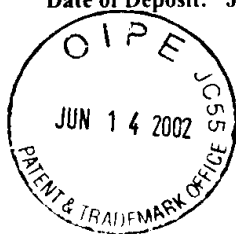
Express Mail Label No.: **EE 947115062 US**

Date of Deposit: **June 14, 2002**

**PATENT APPLICATION**

Attorney Docket No. **21402-168 (CURA-468)**

#3



**COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

**PROTEINS AND NUCLEIC ACIDS ENCODING SAME**

the specification of which was filed on October 16, 2001, as United States non-provisional application Serial No. 09/981,151 and bearing Attorney Docket No. 21402-168 (CURA-468).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Appln. Number	Country (if PCT, so indicate)	Filing Date (dd/mm/yy)	Priority Claimed	
			Yes	No

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56

**Applicant: Shlomit Edinger et al.**

**Filed: October 16, 2001**

which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<b>Application No.</b> <i>(U.S.S.N.)</i>	<b>Filing Date</b> <i>(dd/mm/yy)</i>	<b>Status</b> <i>(Patented, Pending, Abandoned)</i>
60/241,040	17/10/00	Abandoned
60/241,058	17/10/00	Abandoned
60/241,063	17/10/00	Abandoned
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60/242,881	24/10/00	Abandoned
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60/286,324	25/04/01	Pending
60/294,108	29/05/01	Pending
60/303,968	09/07/01	Pending

PCT International Applications designating the United States:

<b>PCT International Application No.</b>	<b>PCT Filing Date</b>	<b>Status</b>

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

<b>Attorney or Agent</b>	<b>Registration No.</b>	<b>Attorney or Agent</b>	<b>Registration No.</b>
Kevin Ainsworth	39,586	Shane Hunter	41,858
Ingrid Beattie	42,306	David E. Johnson	41,874
William Belanger	40,509	Christina Karnakis	45,899
Charles E. Bell	48,128	Kristin E. Konzak	44,848
Naomi Biswas	38,384	Cynthia Kozakiewicz	42,764
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Sean M. Coughlin	48,593	A. Jason Mirabito	28,161
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Brian C. Dauphin	40,983	David Poirier	43,007
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Marianne Downing	42,870	Brian Rosenbloom	41,276
Ivor R. Elrifi	39,529	Robert J. Sayre	42,124
Heidi A. Erlacher	45,409	C. Eric Schulman	43,350
John M. Garvey	37,833	Gregory J. Sieczkiewicz	48,223

**Applicant: Shlomit Edinger et al.**

**Filed: October 16, 2001**

James G. Gatto	32,694	Thomas M. Sullivan	39,392
Richard Gervase	46,725	Janine Susan	46,119
Matthew J. Golden	35,161	Nicholas P. Triano III	36,397
Sonia K. Guterman	44,729	Howard Susser	33,556
John A. Harre	37,345	Raphael A. Valencia	43,216
Brian P. Hopkins	42,669		

all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, One Financial Center, Boston, Massachusetts 02111, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Address all telephone calls to Ivor R. Elrifi, Esq. at telephone number 617/348-1747.

Address all correspondence to:

Ivor R. Elrifi, Esq.  
Mintz, Levin, Cohn, Ferris, Glovsky and Popco, P.C.  
One Financial Center  
Boston, Massachusetts 02111

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

---

Inventor's Signature **Shlomit Edinger**  
Full Name of Inventor: Shlomit R. Edinger  
Citizenship: United States  
Residence: 766 Edgewood Avenue, New Haven, CT 06515  
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---

Date

---

Inventor's Signature **Valerie Gerlach**  
Full Name of Inventor: Valerie Gerlach  
Citizenship: United States  
Residence: 18 Rock Pasture Road, Branford, CT 06405  
Post Office Address: Same

---

Date

**Applicant: Shlomit Edinger et al.****Filed: October 16, 2001**

---

**Inventor's Signature** John MacDougall  
**Full Name of Inventor:** John R. MacDougall, Ph.D.  
**Citizenship:** Canadian  
**Residence:** 117 Russell Street, Hamden, CT 06517  
**Post Office Address:** Same

---

**Date**

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**Inventor's Signature** Uriel Malyankar  
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**Citizenship:** India  
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**Post Office Address:** Same

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**Date**

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**Inventor's Signature** Glenda Smithson  
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**Citizenship:** United States  
**Residence:** 125 Michael Drive, Guildford, CT 06435  
**Post Office Address:** Same

---

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**Inventor's Signature** Isabelle Millet  
**Full Name of Inventor:** Isabelle Millet  
**Citizenship:** France  
**Residence:** 74 Carrington Avenue, Milford, CT 06460  
**Post Office Address:** Same

---

**Date**

---

**Inventor's Signature** John Peyman  
**Full Name of Inventor:** John A. Peyman, Ph.D.  
**Citizenship:** United States  
**Residence:** 336 West Rock Avenue, New Haven, CT 06515  
**Post Office Address:** Same

---

**Date**

**Applicant: Shlomit Edinger et al.**  
**Filed: October 16, 2001**

\_\_\_\_\_  
Inventor's Signature **David Stone**  
Full Name of Inventor: David J. Stone  
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Residence: 223 Whitehorn Drive, Guilford, CT 06437  
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\_\_\_\_\_  
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Inventor's Signature **Erik Gunther**  
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\_\_\_\_\_  
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\_\_\_\_\_  
Date

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Full Name of Inventor: Richard A. Shimkets, Ph.D.  
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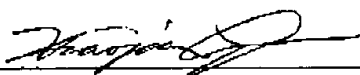
\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor's Signature **Muralidhara Padigaru**  
Full Name of Inventor: Muralidhara Padigaru, Ph.D.  
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Post Office Address: Same

\_\_\_\_\_  
Date

**Applicant: Shlomit Edinger et al.**

**Filed: October 16, 2001**

  
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**Inventor's Signature Xiaojia Guo**  
**Full Name of Inventor: Xiaojia (Sasha) Guo**  
**Citizenship: China**  
**Residence: 713 Robert Frost Drive, Branford, CT 06405**  
**Post Office Address: Same**

6/14/02

\_\_\_\_\_  
**Date**

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**Inventor's Signature Meera Patturajan**  
**Full Name of Inventor: Meera Patturajan**  
**Citizenship: India**  
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**Post Office Address: Same**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Inventor's Signature Raymond Taupier**  
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**Citizenship: United States**  
**Residence: 34 Pardce Place Ext., East Haven, CT 06512**  
**Post Office Address: Same**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Inventor's Signature Catherine Burgess**  
**Full Name of Inventor: Catherine E. Burgess, Ph.D.**  
**Citizenship: United States**  
**Residence: 90 Carriage Hill Drive, Wethersfield, CT 06109**  
**Post Office Address: Same**

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Inventor's Signature Bryan Zerhusen**  
**Full Name of Inventor: Bryan D. Zerhusen, Ph.D.**  
**Citizenship: United States**  
**Residence: 337 Monticello Drive, Branford, CT 06405**  
**Post Office Address: Same**

\_\_\_\_\_  
**Date**

**Applicant: Shlomit Edinger et al.**

**Filed: October 16, 2001**

\_\_\_\_\_  
Inventor's Signature: **Ramesh Kekuda**  
Full Name of Inventor: Ramesh Kekuda  
Citizenship: India  
Residence: 168 Lockwood Avenue, Stamford, CT 06902  
Post Office Address: Same

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor's Signature **Kimberly Spytek**  
Full Name of Inventor: Kimberly A. Spytek  
Citizenship: United States  
Residence: 28 Court St., #1, New Haven, CT 06511  
Post Office Address: Same

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor's Signature **Esha Gangolli**  
Full Name of Inventor: Esha A. Gangolli, Ph.D.  
Citizenship: India  
Residence: 383 Walden Green, Branford, CT 06405  
Post Office Address: Same

\_\_\_\_\_  
Date

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Inventor's Signature **Elma Fernandes**  
Full Name of Inventor: Elma R. Fernandes, Ph.D.  
Citizenship: India  
Residence: 77 Florence Road, #2B, Branford, CT 06405  
Post Office Address: Same

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Date

**Applicant: Shlomit Edinger et al.**

**Filed: October 16, 2001**

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Inventor's Signature **Linda Gorman**

\_\_\_\_\_  
Date

Full Name of Inventor: **Linda Gorman**

Citizenship: **United States**

Residence: **141 Mill Street, Apt. 741, East Haven, CT 06512**

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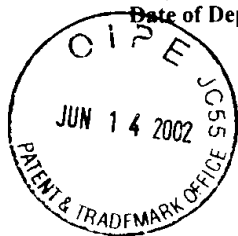


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Attorney Docket No. 21402-168 (CURA-468)



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Inventor's Signature **Shlomit Edinger**  
Full Name of Inventor: Shlomit R. Edinger  
Citizenship: United States  
Residence: 766 Edgewood Avenue, New Haven, CT 06515  
Post Office Address: Same

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Date

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Inventor's Signature **Valerie Gerlach**  
Full Name of Inventor: Valerie Gerlach  
Citizenship: United States  
Residence: 18 Rock Pasture Road, Branford, CT 06405  
Post Office Address: Same

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Date

**Applicant: Shlomit Edinger et al.**  
**Filed: October 16, 2001**

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Inventor's Signature **John MacDougall**  
Full Name of Inventor: John R. MacDougall, Ph.D.  
Citizenship: Canadian  
Residence: 117 Russell Street, Hamden, CT 06517  
Post Office Address: Same

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Inventor's Signature **Uriel Malyankar**  
Full Name of Inventor: Uriel M. Malyankar.  
Citizenship: India  
Residence: 35 Averill Place, Branford, CT 06405  
Post Office Address: Same

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Date

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Inventor's Signature **Glennda Smithson**  
Full Name of Inventor: Glennda Smithson  
Citizenship: United States  
Residence: 125 Michael Drive, Guildford, CT 06435  
Post Office Address: Same

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Date

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Inventor's Signature **Isabelle Millet**  
Full Name of Inventor: Isabelle Millet  
Citizenship: France  
Residence: 74 Carrington Avenue, Milford, CT 06460  
Post Office Address: Same

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Date

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Inventor's Signature **John Peyman**  
Full Name of Inventor: John A. Peyman, Ph.D.  
Citizenship: United States  
Residence: 336 West Rock Avenue, New Haven, CT 06515  
Post Office Address: Same

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Date

**Applicant: Shlomit Edinger et al.**

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Inventor's Signature **David Stone**  
Full Name of Inventor: David J. Stone  
Citizenship: United States  
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Post Office Address: Same

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Date

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Inventor's Signature **Erik Gunther**  
Full Name of Inventor: Erik Gunther  
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Residence: 34 Bryan Rd., Branford, CT 06405  
Post Office Address: Same

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Inventor's Signature **Karen Ellerman**  
Full Name of Inventor: Karen Ellerman, Ph.D.  
Citizenship: United States  
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Inventor's Signature **Richard Shimkets**  
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Post Office Address: Same

---

Date

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Inventor's Signature **Muralidhara Padigaru**  
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---

Date

**Applicant: Shlomit Edinger et al.**

**Filed: October 16, 2001**

\_\_\_\_\_  
Inventor's Signature **Xiaojia Guo**

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Date

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Inventor's Signature **Meera Patturajan**

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Date

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Inventor's Signature **Raymond Taupier**

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Date

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Inventor's Signature **Catherine Burgess**

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Date

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Inventor's Signature **Bryan Zerhusen**

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Date

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Applicant: Shlomit Edinger et al.

Filed: October 16, 2001

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Inventor's Signature **Kimberly Spytek**

Full Name of Inventor: Kimberly A. Spytek

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Residence: 28 Court St., #1, New Haven, CT 06511

Post Office Address: Same

\_\_\_\_\_  
Date

\_\_\_\_\_  
Inventor's Signature **Esha Gangolli**

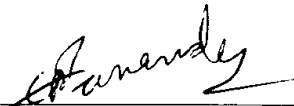
Full Name of Inventor: Esha A. Gangolli, Ph.D.

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\_\_\_\_\_  
Date

  
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Inventor's Signature **Elma Fernandes**

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\_\_\_\_\_  
Date

Applicant: Shlomit Edinger et al.  
Filed: October 16, 2001

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Inventor's Signature **Linda Gorman**

\_\_\_\_\_  
Date

Full Name of Inventor: Linda Gorman

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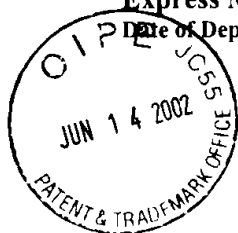


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PATENT APPLICATION

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I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information that is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Appln. Number	Country (if PCT, so indicate)	Filing Date (dd/mm/yy)	Priority Claimed	
			Yes	No

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56

**Applicant: Shlomit Edinger et al.**

**Filed: October 16, 2001**

which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<b>Application No.</b> <i>(U.S.S.N.)</i>	<b>Filing Date</b> <i>(dd/mm/yy)</i>	<b>Status</b> <i>(Patented, Pending, Abandoned)</i>
60/241,040	17/10/00	Abandoned
60/241,058	17/10/00	Abandoned
60/241,063	17/10/00	Abandoned
60/241,243	17/10/00	Abandoned
60/242,152	20/10/00	Abandoned
60/242,482	23/10/00	Abandoned
60/242,611	23/10/00	Abandoned
60/242,612	23/10/00	Abandoned
60/242,880	24/10/00	Abandoned
60/242,881	24/10/00	Abandoned
60/259,028	29/12/00	Pending
60/269,813	20/02/01	Pending
60/286,324	25/04/01	Pending
60/294,108	29/05/01	Pending
60/303,968	09/07/01	Pending

PCT International Applications designating the United States:

<b>PCT International Application No.</b>	<b>PCT Filing Date</b>	<b>Status</b>

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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**Applicant: Shlomit Edinger et al.**  
**Filed: October 16, 2001**

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all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, One Financial Center, Boston, Massachusetts 02111, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

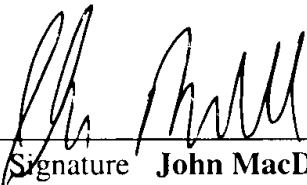
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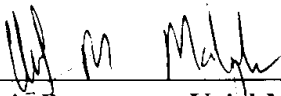
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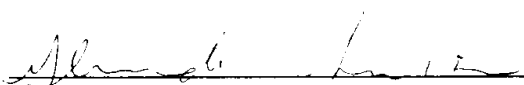
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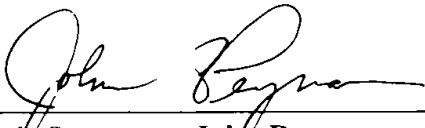
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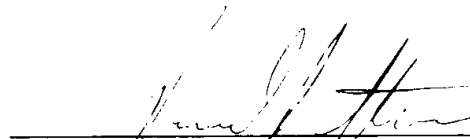
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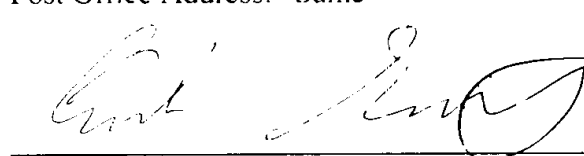
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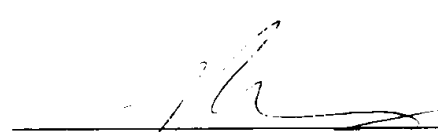
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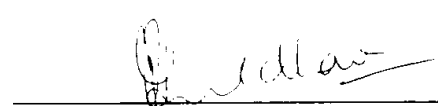
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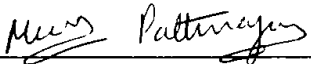
  
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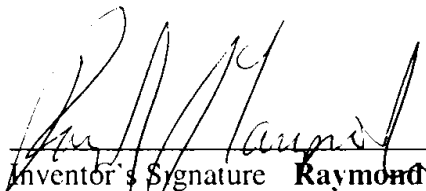
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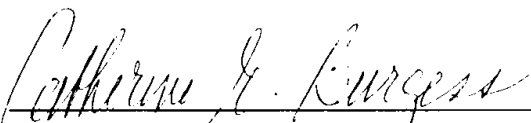
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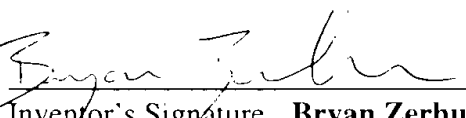
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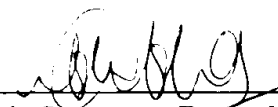
  
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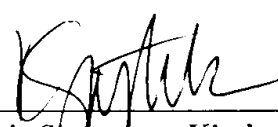
  
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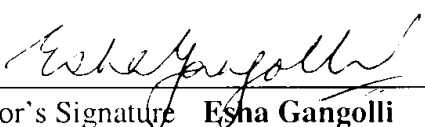
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